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(72) Inventor; and

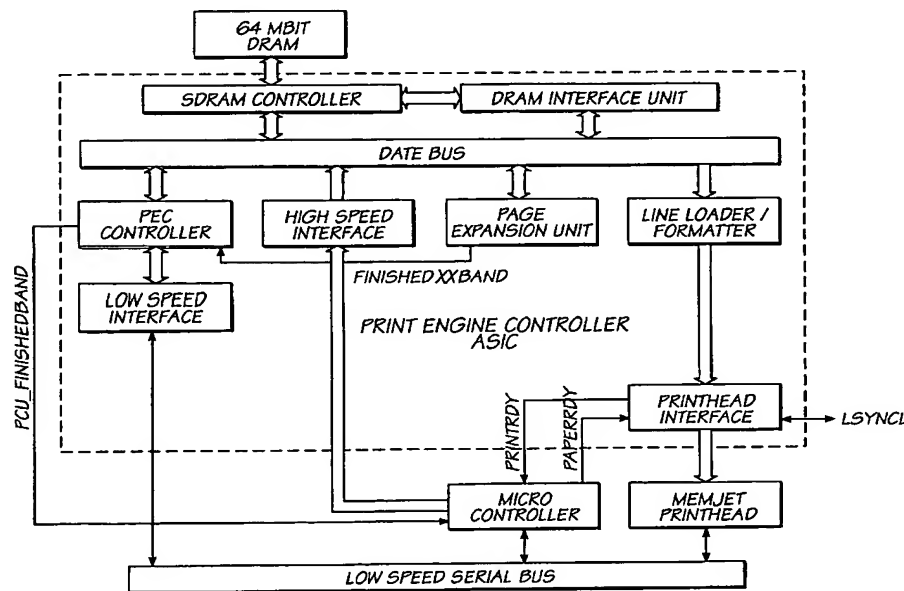
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(54) Title: PROCESSING OF IMAGES FOR HIGH VOLUME PAGEWIDTH PRINTING



(57) Abstract: An image processing apparatus for a printer (10) includes a print engine controller (48) that is configured to receive image data in an image storage format. The print engine controller includes data processing circuitry that is configured to process the image data at a rate of at least one billion pixels per second to transform the data into print data. The print engine controller includes data communication circuitry (176) that is operatively connected to the data processing circuitry and is configured to communicate the print data to a printhead (41).

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Int. Cl. ⁷ : B41J 2/01		
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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
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DWPI (B41J 002, G06F 003/12, G06F 007, G06F 013, G06F 017, G06F 019, print, inkjet, bubblejet, image, picture, indica, photo, pixel, transform, process, compress, decompress, codec, manipulat, calculat, rate, speed, throughput, bit?rate, transfer, dpi, resolution)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 2001-020348/03, Class P75; T01, JP 2000-293335 A (SEIKO EPSON CORPORATION) 20 October 2000	1 to 18
X	Derwent Abstract Accession No. 98-081618/08, Class W02, JP 09-314915 A (CANON KABUSHIKI KAISHA) 9 December 1997	1 to 18
A	EP 940975 A (SEIKO EPSON CORPORATION) 8 September 1999	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
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Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer PETER T. WEST Telephone No : (02) 6283 2108

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 899684 A (SEIKO EPSON CORPORATION) 3 March 1999	
A	EP 540338 B (CANON KABUSHIKI KAISHA) 28 January 1998	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member	
JP 2001-293335	NONE	
JP 09-314915	NONE	
EP 940975	JP 11-252366	
EP 899684	JP 11-070706	
EP 540338	DE 69224263	US5872636
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